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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/776,377	02/11/2004	Catherine M. Phillips	555255-012-711	3930

33787 7590 10/26/2005

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EXAMINER

MEHRPOUR, NAGHMEH

ART UNIT	PAPER NUMBER
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2686

DATE MAILED: 10/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/776,377

Applicant(s)

PHILLIPS ET AL.

Examiner

Naghmeh Mehrpour

Art Unit

2686

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 11/22/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement filed reference listed in the information Disclosure Submitted on 11/22/04 have been considered by the examiner (see attached PTO-1449

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-24, are rejected under 35 U.S.C. 102(e) as being anticipated by Gunaratnam et al.(US patent Number 2005/0227720 A1).

Regarding claims 1, 10, Gunaratnam teaches in a mobile station, a method of selecting a communication network comprising:
scanning to identify a plurality of communication networks in a coverage area within which the mobile station is operating (0071);
retrieving a plurality of network identifiers corresponding to the plurality of communication networks in accordance with an Enhanced Operator Name String (EONS) protocol (0077);
visually displaying the plurality of network identifiers (0071);

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receiving a user input selection of one of the communication networks after visually displaying the plurality of network identifiers (0008, 0077); and registering with the selected communication network (0077).

Regarding claims 2, 11, Gunaratnam teaches a method/mobile of claim 1, wherein the act of retrieving comprises retrieving each network identifier based on a country code, a region code, and a cell number (0047).

Regarding claims 3, 12, Gunaratnam teaches a method/mobile of claim 1, wherein the act of retrieving comprises retrieving each network identifier based on a Mobile Country Code (MCC), a Mobile Network Code (MNC), and a Location Area Code (LAC) (0050).

Regarding claims 4, 13, Gunaratnam teaches a method/mobile of claim 1, wherein the plurality of network identifiers comprises at least two network identifiers that are substantially the same (0047).

Regarding claims 5, 14, Gunaratnam teaches a method/mobile of claim 1, wherein the act of retrieving comprises retrieving from memory of a Subscriber Identity Module (SIM) (0033, 0073).

Regarding claims 6, 15, Gunaratnam teaches a method/mobile of claim 1, further comprising:
visually displaying the network identifier corresponding to the selected communication network (0008).

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Regarding claim 7, Gunaratnam teaches a method of claim 1, wherein the act of retrieving comprises retrieving from memory of a Subscriber Identity Module (SIM) based on a Mobile Country Code (MCC), a Mobile Network Code (MNC), and a Location Area Code (LAC) (0050), further comprising: visually displaying the network identifier corresponding to the selected communication network (0009).

Regarding claims 8, Gunaratnam teaches a method of claim 1, wherein the mobile station comprises a Global System for Mobile (GSM) and General Packet Radio Service (GPRS) compatible mobile station (0033).

Regarding claim 9, Gunaratnam teaches a method of claim 1; comprising the further act of: providing an automatic network selection method based on the EONS protocol (0077).

Regarding claim 16, Gunaratnam teaches a mobile station of claim 15, wherein the processor is further operative to retrieve each network identifier based a Mobile Country Code (MCC), a Mobile Network Code (MNC), and a Location Area Code (LAC) (0033, 0050).

Regarding claim 17, Gunaratnam teaches a mobile station of claim 10, further comprising: a Subscriber Identity Module (SIM) interface through which the processor is operative to retrieve the plurality of network identifiers; wherein the processor is further operative to retrieve each network identifier through the SIM interface based a Mobile Country Code (MCC), a Mobile Network Code (MNC), and a Location Area Code (LAC); and wherein

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the visual display is further operative to visually display the network identifier corresponding to the selected communication network (0033, 0050).

Regarding claim 18, Gunaratnam teaches a mobile station of claim 10, further comprising a Global System for Mobile (GSM) and General Packet Radio Service (GPRS) compatible mobile station (0027)

Regarding claim 19, Gunaratnam teaches a method of manually selecting a communication network in a mobile station comprising the acts of: scanning to identify a plurality of communication networks in a coverage area within which the mobile station is operating (0008); retrieving, from memory of a Subscriber Identity Module (SIM), a plurality of network identifiers corresponding to the plurality of communication networks in accordance with an Enhanced Operator Name String (EONS) protocol; wherein each network identifier is retrieved based on a Mobile Country Code (MCC), a Mobile Network Code (MNC), and a Location Area Code (LAC) (0050); simultaneously visually displaying the plurality of network identifiers, including at least two network identifiers that are substantially identical; receiving a user input selection of one of the communication networks after visually displaying the plurality of network identifiers; registering with the selected communication network (0031); and visually displaying the network identifier associated with the selected communication network (0056).

Regarding claims 20, Gunaratnam teaches a method of claim 19, wherein the mobile station comprises a Global System for Mobile (GSM) and General Packet Radio Service (GPRS) compatible mobile station (0033).

Regarding claim 21, Gunaratnam teaches a mobile station, comprising: a transceiver operative to scan to identify a plurality of communication networks in a coverage area within which the mobile station is operating; a Subscriber Identity Module (SIM) interface configured to receive a SIM (0077); a processor operative to retrieve, through the SIM interface, a plurality of network identifiers corresponding to the plurality of communication networks in accordance with an Enhanced Operator Name String (EONS) protocol (0077); the processor being further operative to retrieve each network identifier based on a Mobile Country Code (MCC), a Mobile Network Code (MNC), and a Location Area Code (LAC) (0077, 0050); a visual display operative to simultaneously visually display the plurality of network identifiers (0009); the processor being further operative to receive a user input selection of one of the communication networks after visually displaying the plurality of network identifiers (0009); the transceiver being further operative to register with the selected communication network; and the visual display being further operative to visually display the network identifier corresponding to the selected communication network (0009, 0038).

Regarding claim 22, Gunaratnam teaches a mobile station of claim 21, comprising a Global System for Mobile (GSM) and General Packet Radio Service (GPRS) compatible mobile station (0033).

Regarding claim 23, Gunaratnam teaches a mobile station of claim 21, wherein the processor is further operative to retrieve the plurality of network identifiers from memory of the SIM (0033).

Regarding claim 24, Gunaratnam teaches a mobile station of claim 21, wherein at least two network identifiers which are retrieved and visually displayed are substantially the same (0047).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kuchibholta et al. (US Publication 2005/0075129 A1) disclose method for selecting a core network

Krantz et al. (US Publication 2005/0091357 A1) disclose Network and interface selection on a computing device

5. **Any responses to this action should be mailed to:**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Naghmeh Mehrpour whose telephone number is 571-272-7913. The examiner can normally be reached on 8:00- 6:00.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold be reached (571) 272-7905.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

NM

October 19, 2005


PATENT EXAMINER